



August 11, 2009

BY ELECTRONIC FILING

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, D.C. 20554

Re: Amendment of Parts 2 and 95 of the Commission's Rules to Provide Additional
Spectrum for the Medical Device Radiocommunication Service in the 413-457 MHz
Band (ET Dkt. No. 09-36; RM-11404)

Dear Ms. Dortch:

Bioness Inc. eagerly supports expeditious Commission action to encourage deployment of medical micro-power network ("MMN") devices in the 413-457 MHz band.

Bioness is a provider of medical solutions for people suffering from paralysis resulting from conditions such as stroke, spinal cord injury or traumatic brain injury. We are keenly aware of the tremendous physical, psychological, and financial burdens imposed by these injuries and conditions. We are also very much cognizant of the archaic nature of the available medical treatment options. Bioness is committed to expanding and modernizing the scope of available solutions while shifting the emphasis from compensatory solutions to solutions that emphasize functional recovery. We and other players in this field require new, wireless technology to realize our mission. Wireless technology, especially when implanted in the body, relies on your licensing specific frequency bands for this purpose.

We are aware that the Alfred Mann Foundation ("AMF") has been developing MMN devices that could be invaluable in the treatment of various neuromuscular injuries and conditions. We believe that MMN technology provides a unique wireless approach that is unlike any commercially available medical treatment option. This technology, if successfully implemented, will revolutionize the medical treatment and therapy for millions of people suffering from debilitating neuromuscular injuries and conditions.

If there is even a small chance that this groundbreaking technology can deliver on a fraction of its promises, the Commission should dedicate the resources necessary to allow the technology to realize its full potential. We urge the Commission to allocate the full amount of spectrum requested by AMF for MMN use and to adopt service and technical rules permitting MMN operation.

Sincerely,

A handwritten signature in black ink, appearing to read "Yitzhak Zilberman", with a stylized, wavy line extending from the end.

Yitzhak Zilberman
President and CEO